



#5

## SEQUENCE LISTING

<110> Kitamura, Toshio  
Morita, Sumiyo

<120> TSG-LIKE GENE

<130> 06501-102US1

<140> 10/092,925

<141> 2002-03-06

<150> PCT/JP00/06050

<151> 2000-09-06

<150> JP 11/252190

<151> 1999-09-06

<160> 5

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 3986

<212> DNA

<213> Mus musculus

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<221> CDS

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Met Lys Ser His Tyr Ile Val Leu Ala  
1 5

cta gcc tcc ctg acg ttc ctg ctg tgt ctc ccc gtg tcc cag agc tgt 161  
Leu Ala Ser Leu Thr Phe Leu Leu Cys Leu Pro Val Ser Gln Ser Cys  
10 15 20 25

aac aaa.gca ctc tgt gcc agc gat gtg agc aaa tgc ctc att cag gag 209  
Asn Lys Ala Leu Cys Ala Ser Asp Val Ser Lys Cys Leu Ile Gln Glu  
30 35 40

ctc tgc cag tgc cgg cct gga gaa ggg aac tgc ccc tgc tgt aag gag 257  
Leu Cys Gln Cys Arg Pro Gly Glu Gly Asn Cys Pro Cys Cys Lys Glu  
45 50 55

tgc atg ctg tgc ctc ggg gcc ctg tgg gac gag tgc tgc gac tgt gtc 305  
Cys Met Leu Cys Leu Gly Ala Leu Trp Asp Glu Cys Cys Asp Cys Val  
60 65 70

ggt atg tgc aac cct cgg aat tac agc gac acc ccg ccc aca tcc aag 353  
Gly Met Cys Asn Pro Arg Asn Tyr Ser Asp Thr Pro Pro Thr Ser Lys

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agc acc gtg gag gag ctg cac gag ccc att ccg tcc ctg ttc agg gcg			401
Ser Thr Val Glu Glu Leu His Glu Pro Ile Pro Ser Leu Phe Arg Ala			
90	95	100	105
ctg acg gag ggc gac acc cag ctg aac tgg aac atc gtc tcc ttc cct			449
Leu Thr Glu Gly Asp Thr Gln Leu Asn Trp Asn Ile Val Ser Phe Pro			
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gtg gca gag gag ctg tca cac cat gaa aac cta gtc tcc ttc cta gaa			497
Val Ala Glu Glu Leu Ser His His Glu Asn Leu Val Ser Phe Leu Glu			
	125	130	135
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Thr Val Asn Gln Leu His His Gln Asn Val Ser Val Pro Ser Asn Asn			
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gtc cac gcc ccc ttc ccc agc gac aaa gag cgc atg tgc aca gtg gtt			593
Val His Ala Pro Phe Pro Ser Asp Lys Glu Arg Met Cys Thr Val Val			
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Tyr Phe Asp Asp Cys Met Ser Ile His Gln Cys Lys Ile Ser Cys Glu			
170	175	180	185
tcc atg ggt gca tcc aag tat cgc tgg ttt cac aac gcc tgc tgc gag			689
Ser Met Gly Ala Ser Lys Tyr Arg Trp Phe His Asn Ala Cys Cys Glu			
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Cys Ile Gly Pro Glu Cys Ile Asp Tyr Gly Ser Lys Thr Val Lys Cys			
	205	210	215
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220			
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<213> Mus musculus

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Asp Val Ser Lys Cys Leu Ile Gln Glu Leu Cys Gln Cys Arg Pro Gly
      35              40              45
Glu Gly Asn Cys Pro Cys Cys Lys Glu Cys Met Leu Cys Leu Gly Ala
      50              55              60
Leu Trp Asp Glu Cys Cys Asp Cys Val Gly Met Cys Asn Pro Arg Asn
      65              70              75              80
Tyr Ser Asp Thr Pro Pro Thr Ser Lys Ser Thr Val Glu Glu Leu His
      85              90              95
Glu Pro Ile Pro Ser Leu Phe Arg Ala Leu Thr Glu Gly Asp Thr Gln
      100             105             110
Leu Asn Trp Asn Ile Val Ser Phe Pro Val Ala Glu Glu Leu Ser His

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145					150					155					160			
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				165					170					175				
Ile	His	Gln	Cys	Lys	Ile	Ser	Cys	Glu	Ser	Met	Gly	Ala	Ser	Lys	Tyr			
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Arg	Trp	Phe	His	Asn	Ala	Cys	Cys	Glu	Cys	Ile	Gly	Pro	Glu	Cys	Ile			
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<212> DNA
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<212> PRT
<213> Drosophila melanogaster
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			20					25					30		
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		35					40					45			
Asn	Asp	Cys	His	Cys	Cys	Lys	Asp	Cys	Leu	Asn	Cys	Leu	Gly	Glu	Leu
	50					55					60				
Tyr	Ile	Glu	Cys	Cys	Gly	Cys	Leu	Asp	Met	Cys	Pro	Lys	His	Lys	Asp
65					70					75					80
Val	Leu	Pro	Ser	Leu	Thr	Pro	Arg	Ser	Glu	Ile	Gly	Asp	Ile	Glu	Gly
				85					90					95	
Val	Pro	Glu	Leu	Phe	Asp	Thr	Leu	Thr	Ala	Glu	Asp	Asp	Glu	Gly	Trp

Gln  
225